

Specification

Technical Data Sheet

CAS

79-33-4

STORAGE

2 to 8 &deg;C

MOLECULAR WEIGHT

90.08

PRODUCT

Lactic Acid 90%

Product number	90023276
CAS number	79-33-4
Molecular formula	C ₃ H ₆ O ₃
Molecular weight	90.08 g/mol

PARAMETER

SPECIFICATION

Appearance	Clear colourless viscous liquid
Assay	88.0 - 92.0
APHA	≤10
Chloride (Cl-)	Conforms
Heavy Metals (Pb)	≤10 (mg/kg)
Iron (Fe)	≤5 (mg/kg)
Limit of Citric, Oxalic, Phosphoric and Tartaric Acid	Conforms
Methanol and methylesters	≤50 (mg/kg)
Readily Carbonisable Substances	Conforms
Stereochemical purity (L-isomer)	≥95.0%
Sulphated Ash	≤0.05%
Arsenic (As)	≤1 (mg/kg)
Calcium (Ca)	≤200 (mg/kg)
Reducing Sugars	Conforms
Relative density (20°C)	1.20 - 1.21 (g/ml)

PARAMETER

SPECIFICATION

Sulphates (SO₄)(2-)

≤200 (mg/kg)

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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